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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/693,787	10/24/2003	Sehat Sutardja	MP0400	2332
26703 7.	590 10/23/2006		EXAM	INER
HARNESS, DICKEY & PIERCE P.L.C. 5445 CORPORATE DRIVE			PATEL, RAJNIKANT B	
SUITE 400			ART UNIT	PAPER NUMBER
TROY, MI 4	8098		2838	-

DATE MAILED: 10/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

•			W			
•	Application No.	Applicant(s)	91			
	10/693,787	SUTARDJA, SEHAT				
Office Action Summary	Examiner	Art Unit				
	Rajnikant B. Patel	2838				
The MAILING DATE of this communication a Period for Reply	ppears on the cover sheet w	ith the correspondence address				
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailling date of this communication. - If NO period for reply is specified above, the maximum statutory perions are to reply within the set or extended period for reply will, by state the analyse of the control of the period for reply will, by state and patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNI 1.136(a). In no event, however, may a not will apply and will expire SIX (6) MOR tute, cause the application to become Al	CATION. reply be timely filed NTHS from the mailing date of this communication BANDONED (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed on 31	August 2006.					
	nis action is non-final.					
3) Since this application is in condition for allow	, -					
Disposition of Claims						
4) ⊠ Claim(s) 1-243 is/are pending in the applicat 4a) Of the above claim(s) is/are withden 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ⊠ Claim(s) 1-243 are subject to restriction and/	rawn from consideration.					
Application Papers						
9) The specification is objected to by the Exami 10) The drawing(s) filed on is/are: a) and an applicant may not request that any objection to the Replacement drawing sheet(s) including the correction. 11) The oath or declaration is objected to by the	ccepted or b) objected to ne drawing(s) be held in abeya ection is required if the drawing	nce. See 37 CFR 1.85(a). i(s) is objected to. See 37 CFR 1.121(d	d).			
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume application from the International Bure * See the attached detailed Office action for a li	ents have been received. ents have been received in A riority documents have beer eau (PCT Rule 17.2(a)).	Application No received in this National Stage				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application				

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Election/Restrictions

1. This application contains claims directed to the following patentably distinct species: of the claimed invention:

- 2. I. The embodiment illustrated in figures 1A, 5A-B and 17A are describing coupled inductor regulator includes auto-sensing and auto-control.
- 3. II. The embodiment illustrated in figures 1B and 9B are describing conduction switch and conduction switch array.
- 4. III. The embodiment illustrated in figures 2A-C, 3A-B, 4A-B, 5 and 9A and 9C are describing 2:1 buck and 1:2 boost regulators.
- 5. IV. The embodiment illustrated in figures 6A-C and 16A-C are describing buck, boost and fly-back configuration coupled inductor regulator having four inductors.
- 6. V. The embodiment illustrated in figures 7A-C are describing LDO regulator and LDO regulator with 2:1 regulator.
- 7. VI. The embodiment illustrated in figures 10A-B, 11 are describing multiple 2:1 regulators and multiple coupled inductor regulators.
- 8. VII. The embodiment illustrated in figures 12A-B are describing amplifier system.
- 9. VIII. The embodiment illustrated in figure 13 is describing vehicle electrical system.
- 10. IX. The embodiment illustrated in figure 14 is describing power system and digital logic.
- 11. X. The embodiment illustrated in figure 17B is describing auto-sensing buck converter.

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Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In

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either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103 (a) of the other invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rajnikant B. Patel whose telephone number is 571-272-2082. The examiner can normally be reached on 6.30-5.00; m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Karl Easthom can be reached on 571-272-1989. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Rajnikant B Patel
Primary Examiner
Art Unit 2838

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